

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

§ 868.210 Grades and grade requirements for the classes of Rough Rice. (See also § 868.212.)

Grade	Maximum limits of—							Color require-ments ¹ (min-imum)
	Seeds and heat-damaged ker-nels			Red rice and damaged kernels (singly or combined) (Per-cent)	Chalky kernels ^{1 2}		Other types ³ (Per-cent)	
	Total (singly or com-bined) (Number in 500 grams)	Heat-dam-aged kernels and ob-jection-able seeds (singly or com-bined) (Number in 500 grams)	Heat-dam-aged kernels (Number in 500 grams)					
U.S. No. 1	4	3	1	0.5	1.0	2.0	1.0	Shall be white or creamy.
U.S. No. 2	7	5	2	1.5	2.0	4.0	2.0	May be slightly gray.
U.S. No. 3	10	8	5	2.5	4.0	6.0	3.0	May be light gray.
U.S. No. 4	27	22	15	4.0	6.0	8.0	5.0	May be gray or slight rosy.
U.S. No. 5	37	32	25	6.0	10.0	10.0	10.0	May be dark gray or rosy.
U.S. No. 6	75	75	75	⁴ 15.0	15.0	15.0	10.0	May be dark gray or rosy.
U.S. Sample grade								
U.S. Sample grade shall be rough rice which: (a) does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 6, inclusive; (b) contains more than 14.0 percent of moisture; (c) is musty, or sour, or heating; (d) has any commercially objectionable foreign odor; or (e) is otherwise of distinctly low quality.								

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¹ For the special grade Parboiled rough rice, see § 868.212(b).

² For the special grade Glutinous rough rice, see § 868.212(d).

³ These limits do not apply to the class Mixed Rough Rice.

⁴ Rice in grade U.S. No. 6 shall contain not more than 6.0 percent of damaged kernels.

[56 FR 55978, Oct. 31, 1991. Redesignated and amended at 60 FR 16364, Mar. 30, 1995]

§ 868.211 Grade designation.

(a) The grade designation for all classes of rough rice, except Mixed Rough Rice, shall include in the following order: (1) The letters “U.S.”; (2) the number of the grade or the words “Sample grade,” as warranted; (3) the words “or better” when applicable and requested by the applicant prior to inspection; (4) the class; (5) each applicable special grade (see § 868.213); and (6) a statement of the milling yield.

(b) The grade designation for the class Mixed Rough Rice shall include, in the following order: (1) The letters “U.S.”; (2) the number of the grade or the words “Sample grade,” as warranted; (3) the words “or better,” when applicable and requested by the applicant prior to inspection; (4) the class;

(5) each applicable special grade (see § 868.213); (6) the percentage of whole kernels of each type in the order of predominance; (7) the percentage of large broken kernels of each type in the order of predominance; (8) the percent of material removed by the No. 6 sieve or the No. 6 sizing plate; (9) when applicable, the percentage of seeds; and (10) a statement of the milling yield.

NOTE: Large broken kernels other than long grain, in Mixed Rough Rice, shall be certificated as “medium or short grain.”

[42 FR 40869, Aug. 12, 1977, as amended at 54 FR 51344, Dec. 14, 1989. Redesignated and amended at 60 FR 16364, 16365, Mar. 30, 1995]

SPECIAL GRADES, SPECIAL GRADE REQUIREMENTS, AND SPECIAL GRADE DESIGNATIONS

§868.212 Special grades and requirements.

A special grade, when applicable, is supplemental to the grade assigned under §868.210. Such special grades for rough rice are established and determined as follows:

(a) *Infested rough rice.* Tolerances for live insects for infested rough rice are defined according to sampling designations as follows:

(1) *Representative sample.* The representative sample consists of the work portion, and the file sample if needed and when available. The rough rice (except when examined according to paragraph (a)(3) of this section will be considered infested if the representative sample contains two or more live weevils, or one live weevil and one or more other live insects injurious to stored rice or five or more other live insects injurious to stored rice.

(2) *Lot as a whole (stationary).* The lot as a whole is considered infested when two or more live weevils, or one live weevil and one or more other live insects injurious to stored rice, or five or more other live insects injurious to stored rice, or 15 or more live Angoumois moths or other live moths injurious to stored rice are found in, on, or about the lot.

(3) *Sample as a whole during continuous loading/unloading.* The minimum sample size for rice being sampled during continuous loading/unloading is 500 grams per each 100,000 pounds of rice. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils, or one live weevil and one or more other live insects injurious to stored rice, or five or more other live insects injurious to stored rice.

(b) *Parboiled rough rice.* Parboiled rough rice shall be rough rice in which the starch has been gelatinized by soaking, steaming, and drying. Grades U.S. No. 1 to U.S. No. 6 inclusive, shall contain not more than 10.0 percent of ungelatinized kernels. Grades U.S. No. 1 and U.S. No. 2 shall contain not more than 0.1 percent, grades U.S. No. 3 and

U.S. No. 4 not more than 0.2 percent, and grades U.S. No. 5 and U.S. No. 6 not more than 0.5 percent of nonparboiled rice. If the rice is: (1) Not distinctly colored by the parboiling process, it shall be considered "Parboiled Light"; (2) distinctly but not materially colored by the parboiling process, it shall be considered "Parboiled"; (3) materially colored by the parboiling process, it shall be considered "Parboiled Dark." The color levels for "Parboiled Light," "Parboiled," and "Parboiled Dark" rice shall be in accordance with the interpretive line samples for parboiled rice.

NOTE: The maximum limits for "Chalky kernels," "Heat-damaged kernels," "Kernels damaged by heat," and the "Color requirements" shown in §868.210 are not applicable to the special grade "Parboiled rough rice."

(c) *Smutty rough rice.* Smutty rough rice shall be rough rice which contains more than 3.0 percent of smutty kernels.

(d) *Glutinous rough rice.* Glutinous rough rice shall be special varieties of rice (*Oryza sativa* L. *glutinosa*) which contain more than 50 percent chalky kernels. Grade U.S. No. 1 shall contain not more than 1.0 percent of nonchalky kernels, grade U.S. No. 2 not more than 2.0 percent of nonchalky kernels, grade U.S. No. 3 not more than 4.0 percent of nonchalky kernels, grade U.S. No. 4 not more than 6.0 percent of nonchalky kernels, grade U.S. No. 5 not more than 10.0 percent of nonchalky kernels, and grade U.S. No. 6 not more than 15.0 percent of nonchalky kernels.

NOTE: The maximum limits for "Chalky kernels" in §868.210 are not applicable to the special grade "Glutinous rough rice."

(e) *Aromatic rough rice.* Aromatic rough rice shall be special varieties of rice (*Oryza sativa* L. scented) that have a distinctive and characteristic aroma; e.g., basmati and jasmine rice.

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